USER MANUAL

IR Camera Series

The product image may differ from the actual product.

Please read the instructions thoroughly before using the product.

CAUTION

RISK OF ELECTRIC SHOCK

CAUTION:

To reduce the risk of electric shock, do not expose this apparatus to rain or moisture.

Only operate this apparatus from the type of power source indicated on the label.

The company shall not be liable for any damages arising out of any improper use, even if we have been advised of the possibility of such damages.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

RoHS conform

ROHS Announcement

All lead-free products offered by the company comply with the requirements of the European law on the Restriction of Hazardous Substances (RoHS) directive, which means our manufacture processes and products are strictly “lead-free” and without the hazardous substances cited in the directive.

The crossed-out wheeled bin mark symbolizes that within the European Union the product must be collected seperately at the product end-of-life. This applies to your product and any peripherals marked with this symbol. Do not dispose of these products as unsorted municipal waste.

CE

CE Mark

This apparatus is manufactured to comply with the radio interference.

The company does not warrant that this manual will be uninterrupted or error-free. We reserve the right to revise or remove any content in this manual at any time.

OVERVIEW

This camera contains day and night feature, build-in IR LEDs and IP67 standard approved waterproof outdoor housing. Besides, it is very easy to install. The cable management design can prevent any cable damage by hiding the cable in the bracket.

FEATURES

1. Cable management to hide the cable in the bracket for cable damage prevention
2. High sensitivity in the dark environment, 0.4Lux / F2.0, 0Lux (IR ON)
3. Day and night features for 24-hour surveillance
4. Excellent image quality
5. IR LED effective range reaches up to 15 meters (Model 2 only)
6. IP66 standard approved outdoor housing

PACKAGE CONTENT

- IR camera with a power and video cable * 1
- Bracket * 1
- Accessory pack x 1
- User Manual * 1

SPECIFICATION*

IR Camera	KPC136B
Pick up Element	1/3" Color CCD image sensor
Number of Pixel	512(H) x 492(V) <NTSC> / 512(H) x 582(V) <PAL>
Resolution	420 TVL
Minimum illumination	0.4Lux / F2.0, 0Lux (IR ON)
IR LED	21 units
IR Effective Range	Up to 15 meters
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Lens	f3.6mm / F2.0
Lens Angle	92.6˚
IRIS Mode	AES
Gain Control	Auto
White Balance	ATW
Video Output	1.0Vp-p composite, 75Ω
Power Source (±10%)	DC12V
Current Consumption (±10%)	90mA (IR OFF), 280mA (IR ON)
Dimensions (mm)	116.13(L) x 60(W) x 79.58(H)
IP Rating	IP66
Color	Black

* The specifications are subject to change without notice.
** Dimensional Tolerance: ± 5mm

INSTALLATION

1. Find the supplied internal part of the bracket (as shown in the right figure) in the accessory pack.
2. Use the supplied three screws to attach the internal part of the bracket to the wall or ceiling. Drill a hole in advance on the proper position of the wall or ceiling for the Power and Video Cable to pass through later.

3. Pass the video line first, and then pass the power line through the middle hole of the internal part of the bracket.

4. When the video and power cable is passed through the internal part of the bracket, pull the cable till the internal part of the bracket is joined to the main body of the bracket.
5. Adjust the viewing angle of the camera, and use the supplied wrench to fasten the joint lock by clockwise rotating the attached screw to the end.

* The product image may differ from the actual product.

CONNECTION

1. DC12V Input Terminal
   Connect the power terminal of the camera to a 12V DC regulated power supply.
   Note: Please use the correct power adaptor, DC12V (regulated), to operate this unit. The power tolerance of this unit is DC12V ± 10%. Over maximum DC 12V power input will damage this unit.

2. Video Output Connector (VIDEO OUT)
   Connect the camera video output and the monitor video input with 75Ω coaxial cable.